

## Animal Waste Management Compliance Checklist

This checklist is designed to assist CAFO producers in determining if their animal waste management system complies with Federal and State laws and rules regarding protection of water quality. This checklist will give producers an indication of how their operation would fare during an inspection. If the answer to any of the questions below is no or unknown, it is strongly recommended that the producer contact an ACT Field Consultant at (602) 542-0972 or (800) 294-0308 to request an On Site Visit.

### **Liquid Manure and Process Wastewater Containment:**

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| 1                                                                                                                                                 | Is the animal waste management system designed, constructed, maintained, and operated to contain all process waste waters (i.e. wash water, parlor water, watering system overflow) plus all contaminated* runoff from a 25-year, 24-hour rain event? | YES | NO |
| *Contaminated runoff means any rain that comes in contact with solid or liquid manure.                                                            |                                                                                                                                                                                                                                                       |     |    |
| 2                                                                                                                                                 | Has the operation either stayed the same or reduced its size or number of animals since the animal waste management plan was developed and implemented?                                                                                               | YES | NO |
| 3                                                                                                                                                 | Are feeding lots and liquid manure containment ponds protected from precipitation or flows up to a 25-year, 24-hour storm event?                                                                                                                      | YES | NO |
| 4                                                                                                                                                 | Is all rainwater and processing water from corrals routed to the containment system?                                                                                                                                                                  | YES | NO |
| 5                                                                                                                                                 | Does the liquid manure containment structure have freeboard (approximately 2 feet) to prevent overflow or berm failure?                                                                                                                               | YES | NO |
| 6                                                                                                                                                 | Is the liquid containment system lined* to prevent possible nitrogen leaching** to the groundwater?                                                                                                                                                   | YES | NO |
| *Lined refers to plastic, clay, or other material that prevents manure water from ** leaching (seeping) into the ground underneath the structure. |                                                                                                                                                                                                                                                       |     |    |
| 7                                                                                                                                                 | Is the facility located in an area that is NOT designated as a floodplain?                                                                                                                                                                            | YES | NO |
| 8                                                                                                                                                 | Are man-made flood control conveyances, irrigation ditches, tailwater ditches, or natural washes or surface waters that border your property protected from manure or manure water discharges?                                                        | YES | NO |
| 9                                                                                                                                                 | Are monthly inspections conducted to examine the structural integrity of the containment structure?                                                                                                                                                   | YES | NO |
| 10                                                                                                                                                | Have you had any manure water or process wastewater improperly* leave your property in the last ten years?                                                                                                                                            | YES | NO |

\*Improperly leaving your property includes structural breaches that lead to release of water off the property, structural capacity limitations that lead to overflow of water that leaves the property, conveyance system that does not collect all water that has been in contact with manure and allows that manure water to leave the property, etc.

**Solid Manure Containment:**

11	Are feeding lots and solid manure holding areas protected from precipitation or flows up to a 25-year, 24-hour storm event?	YES	NO
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12	Is potential for leaching* in solid manure holding areas minimized?	YES	NO
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\*Leaching means seeping into the ground below the solid manure holding area. Leaching potential can be minimized by lining the area with clay, plastic, concrete, or other materials.

**Land Application:** (If there is not cropland associated with the operation, skip to the next section)

13	Are records kept of land applications of solid and liquid manure?	YES	NO
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14	Are nitrogen levels of the soil and manure known prior to application?	YES	NO
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15	Does the operator follow state BMPs for nitrogen fertilizers (below)?		
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A.A.C. R18-9-402. Agricultural General Permits: Nitrogen Fertilizers:

1.	Time application of the fertilizer to coincide to maximum crop plant uptake;	YES	NO
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2.	Apply the fertilizer by a method designed to deliver nitrogen to the area of maximum crop plant uptake;	YES	NO
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3.	Manage and time application of irrigation water to minimize nitrogen loss by leaching and runoff; and	YES	NO
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4.	Use tillage practices* that maximize water and nitrogen uptake by crop plants.	YES	NO
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\*Tillage practices that maximize water and nitrogen uptake by crop plants have not been identified.

**Other:**

16	Are dead animals disposed of in such a way to prevent contamination to waters of the US?	YES	NO
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17	Are well heads protected from nitrogen contamination?	YES	NO
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18	Am I covered by the Arizona National Pollutant Discharge Elimination System (NPDES) General Permit for CAFOs?	YES	NO
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